

Converting Colors

Hex(2AD17C)

Have a look what the booklet for
Hex(2AD17C) contains.

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Color

Hex(2AD17C)

Conversions

Conversions Part 1

Format	Color
Hex	2AD17C
RGB	42, 209, 124
RGB Percent	16%, 82%, 49%
CMY	0.8353, 0.1804, 0.5137
CMYK	0.80, 0.00, 0.41, 0.18
HSL	149°, 67%, 49%
HSV	149°, 80%, 82%
XYZ	27.3934, 47.5484, 26.8028
YIQ	149.3770, -72.2470, -61.8390

Conversions

Conversions Part 2

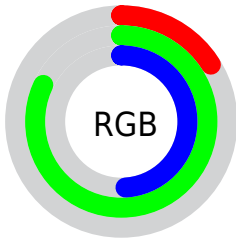
Format	Color
RYB	42, 154, 209
Decimal	2806140
CIELab	74.54, -59.98, 30.76
CIELCh	75, 67.409, 152.852
Yxy	47.5484, 0.2692, 0.4673
Android (android.graphics.Color)	4280996220 (0xFF2AD17C)
YUV	149.3770, -12.5109, -94.1696
Hunter-Lab	68.9554, -49.7604, 25.2229

Details

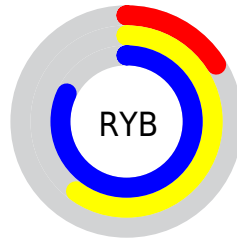
The Hex color **2AD17C** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **D12A7F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **73FFB1**, and **00994A** is the 20% darker color. If you saturate the color by 10%, you get **15D171**, and if you desaturate by 10%, it is **3FD187**.

Distribution



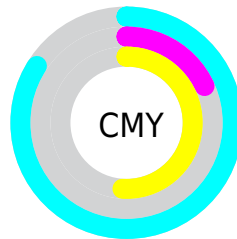
- Red (16%)
- Green (82%)
- Blue (49%)



- Red (16%)
- Yellow (60%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (41%)
- Black (18%)



- Cyan (84%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AD17C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2AD17C by changing the saturation by 10% instead.

 2AD17C

 2AD17C

FFFFFF

 00B563

 73FFB1

 00994A

 93FFCD

 007E32

 B1FFE9

 00641A

 D0FFFF

 004A02

 EFFFFFFF

 003300

 001900

 000000

 2AD17C

 2AD17C

■ 15D171

■ 3FD187

■ 00D167

■ 54D191

■ 69D19C

■ 7ED1A7

■ 93D1B1

■ A7D1BC

■ BCD1C6

■ D1D1D1

■ E6D1DC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93C747



2AD17C



00D5BC

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2AD17C



20BCFF



FF8778

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2AD17C



D12A7F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF7DB4



2AD17C



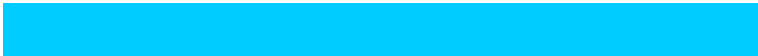
C1A4FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2AD17C



00CCFF



FF8BF1



FF9F47

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2AD17C



00D5E6



FF8BF1



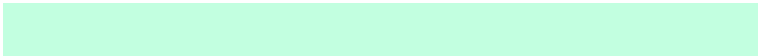
FF828B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2AD17C



C2FFE0



80D12A



5B806D



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2AD17C



0AFF82



2AD1CE



5E6963



00A853



002914

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D12A7F



FF0A87



D12A2D



695E63



A80056



290015

Previews

White Background



This preview shows how the Hex color 2AD17C looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2AD17C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

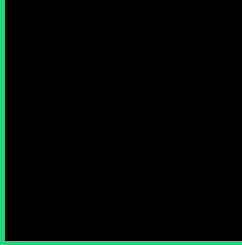
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2AD17C Background



This preview shows how black text looks on a background with the Hex color 2AD17C.

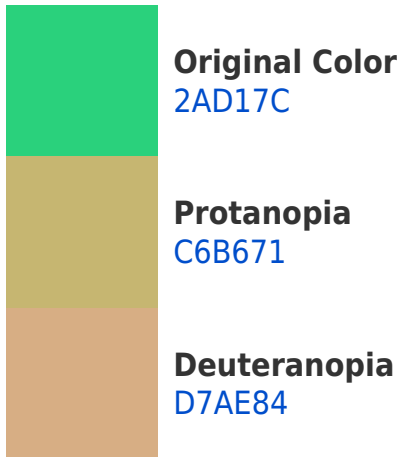


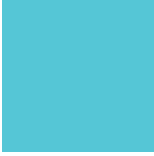
This preview shows how white text looks on a background with the Hex color 2AD17C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

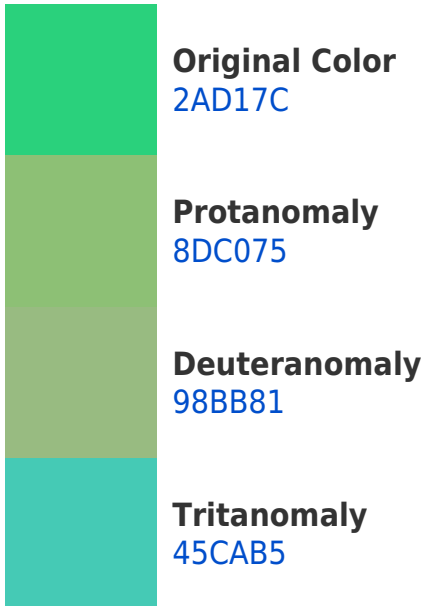
Dichromacy



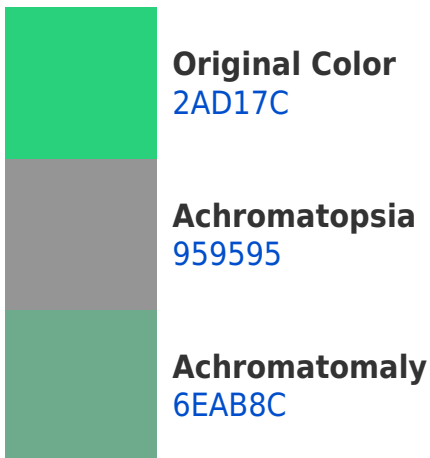


Tritanopia
55C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AD17C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2AD17C looks like.

```
.text, #text, p{  
    color:#2AD17C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2AD17C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD17C
}
```

Border

The CSS property to change the border of an element to Hex 2AD17C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2AD17C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2AD17C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2AD17C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD17C; -webkit-box-shadow:4px 4px  
4px 4px #2AD17C; box-shadow:4px 4px 4px  
4px #2AD17C }
```

Background

The CSS property to change the background color of an element to Hex 2AD17C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD17C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2AD17C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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